(4)

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

division

Name of work: Detailed Estimate for the Work of Construcion of Office building in ward no. 8, Kodigehalli Sub Division

							Estimate Cost Rs.	1000000.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled material, disposal of unservicea ble material and stacking the serviceable material with all lifts complete as per specifications. - RCC grade M20 and above (PWDSR 2014-15, I. 18.19, P. 133)								
	columns	cum	15	0.30	0.50	0.90	2.02		
							2.02	937.04	**1893.00**
	Basic Rate	884.00							
	Area Weightage @ 6%	53.04							
	Total	**937.04**							
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled material, disposal of unservicea ble material and stacking the serviceable material with all lifts complete as per specifications. - Dismantling brick work in cement mortar (PWDSR 2014-15, I. 18.23, P. 133)								
	Parapet wall around	cum	1	33.35	0.23	0.90	6.90		
	staircase wall above lintel level	cum	1	14.40	0.23	0.90	2.98		
							9.88	222.60	**2199.00**
	Basic Rate	210.00							
	Area Weightage @ 6%	12.60							
	Total	**222.60**							
3	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. **Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15**								
	Coloumn 2nd floor	Cum	15	0.30	0.50	4.05	9.11		
	Coloumn 3rd floor-water tank area	Cum	4	0.30	0.50	3.15	1.89		
	Lintel alround	Cum	1	53.60	0.23	0.15	1.84		
	Beam outside alround	Cum	1	53.60	0.23	0.25	3.08		
	Beam middle portion	Cum	1	17.70	0.23	0.25	1.01		
	Beam middle portion	Cum	3	7.60	0.23	0.25	1.31		
	Roof slab-2nd floor	Cum	1	17.70	9.10	0.125	20.13		
	Roof slab-3rd floor water tank area	Cum	1	5.15	4.80	0.125	3.09		
	Landing	Cum	1	2.86	1.53	0.120	0.52		
	staircase waste slab	Cum	1	7.50	1.20	0.120	1.08		
0.5	Steps	Cum	21	1.20	0.23	0.120	0.34		
	Total qty						**43.40**	6058.96	**262959.00**
	Basic Rate	5616.00							
	Lift charges	100.00							
	Sub-total	5716.00							
	Area Weightage @ 6%	342.96							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	**6058.96**							
4	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24 kg with 12mm and downsize graded granie metal coarse aggregaes @ 0.051 cum and fine aggregates @ 0.034 cum, with super plastisiser @ 0.225 lts, machine mixed, well compacted for plain chajja of 7.5 cm average thickness, upto ground floor level, including cost of all materials, laobur, HOM of machinery, finishing curing complete as per specifications. (PWDSR 2014-15, P. 14, I. 4.19)								
	over windows	sqm	7	1.65	0.60		**6.93**	460.04	**3188.00**
	Basic Rate	424.00							
	Lift charges	10.00							
	Sub-total	434.00							
	Area Weightage @ 6%	26.04							
	Total	**460.04**							
5	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification **No. KBS 4.6.3 Page No. 17/ Item No. 4.46/ PWD SR 2014-15**								
	100Kg / Cum	Tonne	0.10	43.40			**4.34**	77006.88	**334210.00**
	Basic Rate	72548.00							
	Lift charges	100.00							
	Sub-total	72648.00							
	Area Weightage @ 6%	4358.88							
	Total	**77006.88**							
6	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification **NO KBS 4.6.2 Page No. 15/ Item No. 4.29.2/ PWD SR 2014-15**								
	Coloumn 2nd floor	sqm	15	1.60	4.05		97.20		
	Coloumn 3rd floor-water tank area	sqm	4	1.60	3.15		20.16		
	Lintel alround	sqm	2	53.60	0.15		16.08		
	Beam outside alround	sqm	1	53.60	0.73		39.13		
	Beam middle portion	sqm	1	17.70	0.73		12.92		
	Beam middle portion	sqm	3	7.60	0.73		16.64		
	Roof slab-2nd floor	sqm	1	17.70	9.10		161.07		
	Roof slab-3rd floor water tank area	sqm	1	5.15	4.80		24.72		
	Landing	sqm	1	2.86	1.53		4.38		
	staircase waste slab	sqm	1	7.50	1.20		9.00		
	Steps	sqm	21	1.20	0.23		5.80		
	Chajjas	sqm	7	1.65	0.60		6.93		
							414.02	561.80	**232599.00**
	Basic Rate	530.00							
	Area Weightage @ 6%	31.80							
	Total	**561.80**							
7	KSRB 6-2.3 Providing and constructing **burnt brick masonry** with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification **No. KBS 6.2, Page No. 27/ Item No. 6.6/ PWD SR 2014-15**								
	long walls	Cum	1	16.20	0.23	3.00	11.17		
	long walls	Cum	1	12.40	0.23	3.00	8.55		
	short walls	Cum	2	7.60	0.23	3.00	10.48		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Deductions MD	Cum	1	1.20	0.23	2.10	-0.57		
	Bathroom door	Cum	1	0.90	0.23	2.10	-0.43		
	W	Cum	7	1.35	0.23	1.20	-2.60		
	V	Cum	1	0.60	0.23	0.45	-0.06		
	Lintel	Cum	1	53.60	0.23	0.15	-1.84		
	Beam	Cum	1	53.60	0.23	0.25	-3.08		
	Net quantity						**21.62**	6297.46	**136151.00**
	Basic Rate	5841.00							
	Lift charges	100.00							
	Sub-total	5941.00							
	Area Weightage @ 6%	356.46							
	Total	**6297.46**							
							Sub Total		**973199.00**
8	Electrical works inside roof only	**L/S**	1.5% of cost						**14793.00**
9	For 1% Third Party Inspection								**9732.00**
10	Miscesallaneous Charges	L/S							**2276.00**
								Total	**1000000.00**

(Rupees Ten Lakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15
3 This works come under B.B.M.P. limits.

Assistant Engineer

D. K. Madhusudhan
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative ... Rs- Ten lakhs only 1000000=00

... P-1771

... 22 ...

registered ... to ... No: 102 22/12/14

AE/JE

EE (BTP Div.)

Technical Sanction for Rs 1000000=00
Rs- Ten lakhs only

P-1771

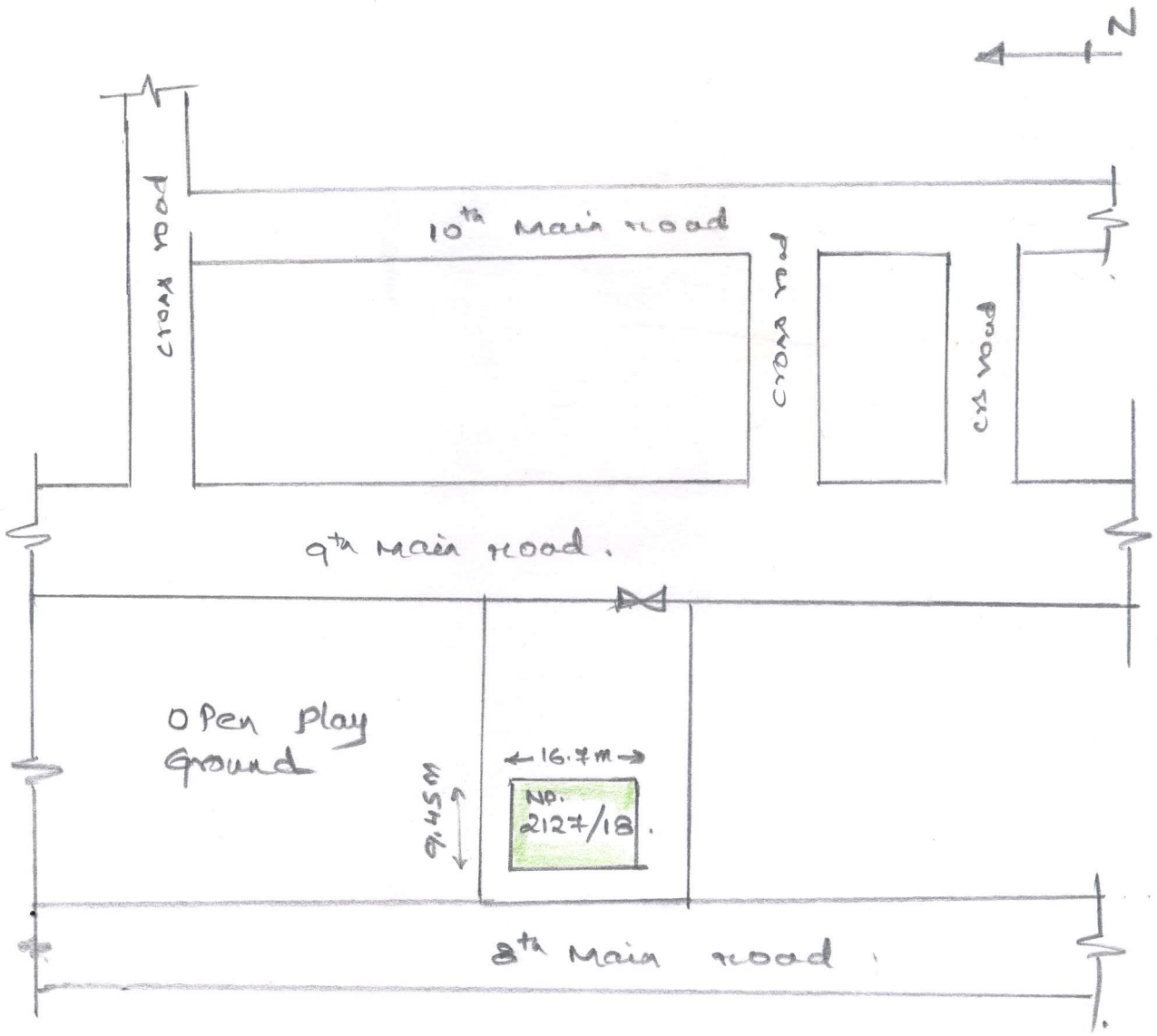
Registered as ... to condition ... No: 47 22/12/14 250 22/12/14

AE/JE

EE (BTP Div.)

(1B)

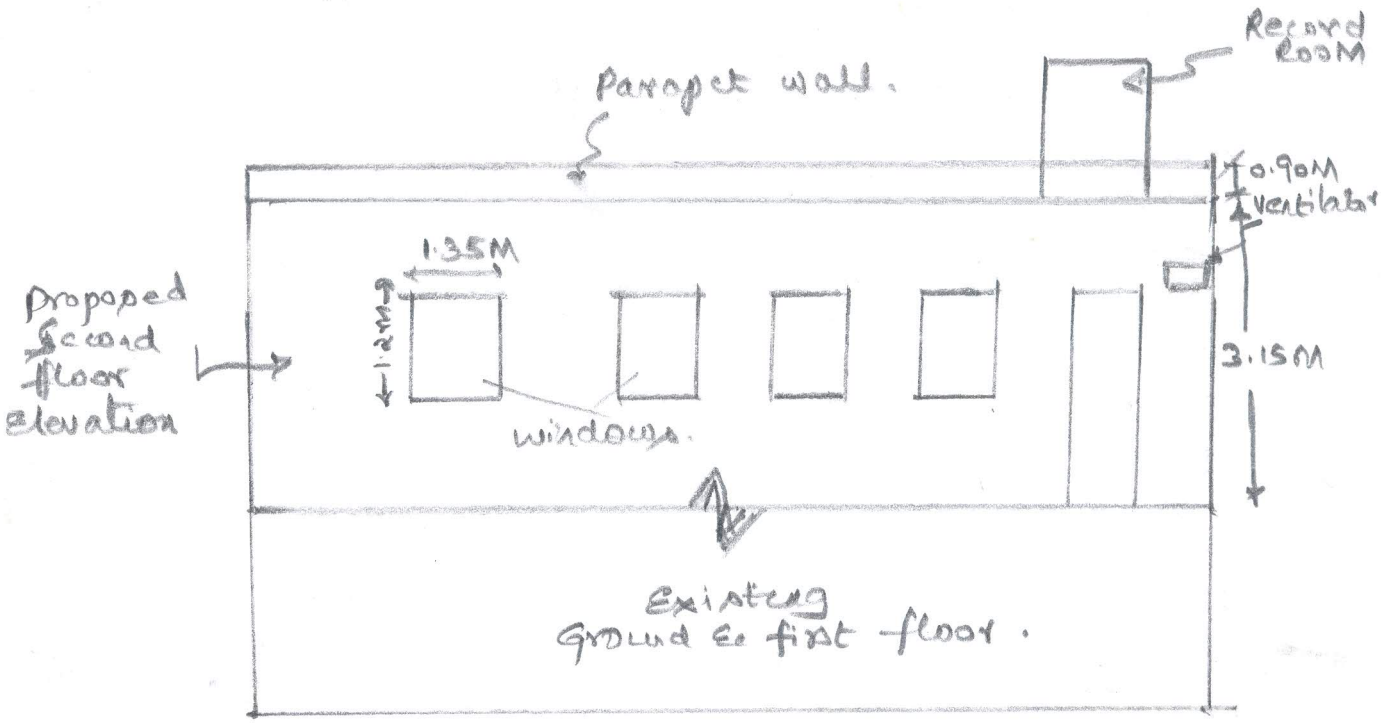
Name of work: Construction of Division Office building in ward No. 8, Kodigehalli sub division.



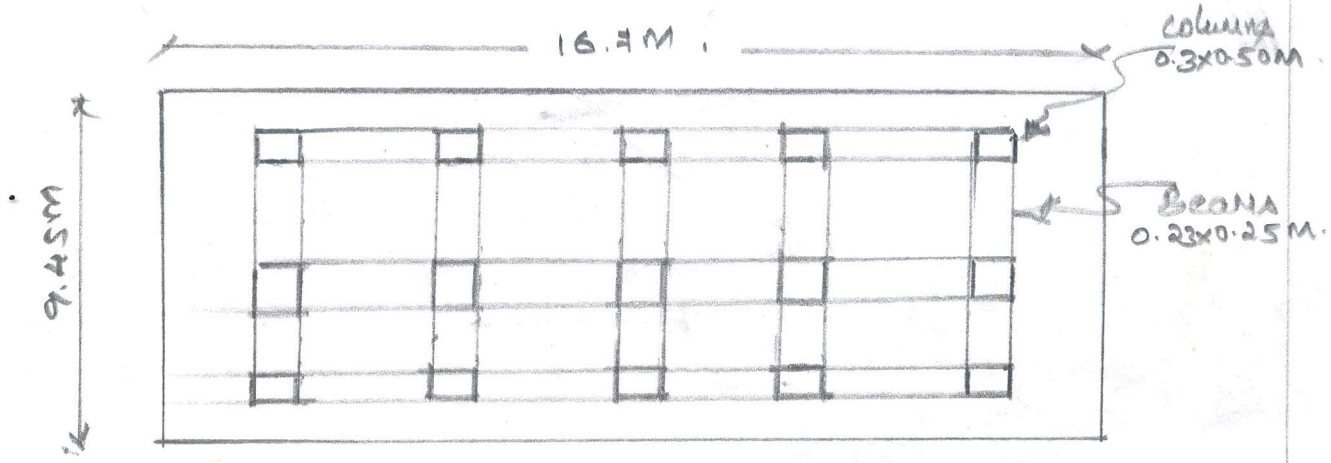
Location sketch of proposed Second floor office building

Proposed building location

Name of work: Construction of division office building in ward No. 8, Kodigehalli sub division.



Elevation



Plan

AE

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152 - BYATARAYANAPURA AC
WARD NAME : 8 - KODIGEHALLI

INDEX

- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD